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(Project 00.576)

TAB "A"

ESTIMATES OF SOVIET BLOC POL STOCKS AS OF JULY 1955

1. Estimates of POL stocks in the Soviet Bloc as of July, 1955, are presented in the tables below. The methodology used in preparing the estimates is similar, in general, to that employed in an earlier paper on the Soviet POL stock position submitted to the Weapons Systems Evaluation Group in December, 1952, although some revisions have been made as a result of further study of Soviet POL storage facilities.

2. The total amount of POL stocks available to the Soviet Bloc as of July, 1955; product breakdown; and amount of stocks located within the Soviet Union are shown in the following table:

ESTIMATED POL STOCKS AS OF JULY 1955  
(Metric Tons)

	<u>Soviet Bloc</u>	<u>USSR</u>
Gasoline	7,967,000	7,066,000
Kerosine	4,001,000	3,700,000
Diesel Oil	3,328,000	3,199,000
Fuel Oil and Other	<u>5,459,000</u>	<u>4,536,000</u>
Total	21,255,000	18,501,000

3. Estimates of stocks of petroleum products within the USSR at major storage facilities, industrial plants, collective farms, and elsewhere are presented as follows:

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(Metric Tons)

	<u>Soviet Bloc</u>	<u>USSR</u>
Gasoline	7,967,000	7,066,000
Kerosine	4,001,000	3,700,000
Diesel Oil	3,828,000	3,199,000
Fuel Oil and Other	<u>5,459,000</u>	<u>4,536,000</u>
Total	21,255,000	18,501,000

3. Estimates of stocks of petroleum products within the USSR at major storage facilities, industrial plants, collective farms, and elsewhere are presented as follows:

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LOCATION OF ESTIMATED SOVIET POL STOCKS

Stocks at Primary Storage Facilities

July 1955  
(Metric Tons)

1. Refineries	2,515,000
2. Non-Refineries (Major transshipment points, etc)	<u>9,444,000</u>
Total	11,959,000

Stocks at Secondary Storage Facilities

3. State Farms and Machine Tractor Stations	2,835,000
4. Industrial Plants	690,000
5. Other	<u>1,217,000</u>
Total	4,742,000

In Transit

1,300,000

Total Stocks 18,501,000

4. Estimated POL stocks in China, Manchuria, and the Soviet Far East are as follows:

China	102,000 Metric Tons
Manchuria <sup>1/</sup>	52,000 Metric Tons
Soviet Far East	699,000 Metric Tons

<sup>1/</sup> Boundaries taken as those under the administration of the Peoples Government of Northeast China.

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5. The total amount and types of POL stocks in the European Satellites are shown in the table below:

ESTIMATED POL STOCKS IN EUROPEAN SATELLITES

<u>Product</u>	<u>July 1955</u> (Metric Tons)
Gasoline	839,000
Kerosine	262,000
Diesel	600,000
Fuel Oil and Other	<u>892,000</u>
Total	2,599,000

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TAB B

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ENCLOSURE A

Elcc Ammunition Inventory, 1 July 1955

1. According to our calculations, the ammunition inventory of the Communist Elcc as of July 1, 1955 will be approximately 6.8 million short tons. This includes all types of conventional ammunition. The distribution of this inventory is estimated as follows:

	<u>Short Tons</u>
USSR	<u>5,165,000</u>
European Satellites	
Albania	42,000
Austria	23,000
Bulgaria	177,000
Czechoslovakia	224,000
East Germany	566,000
Hungary	173,000
Poland	116,000
Romania	<u>194,000</u>
Total Eur. Sats	1,515,000
Far East	
Chinese Stocks in Korea	60,000
North Korean Stocks	10,000
China Proper	40,000
Viet Minh Stocks	<u>10,000</u>
Total Far East	120,000
Total Elcc	<u>6,800,000</u>

The above figures are extensions of the basic data developed by CIA in several reports in this field. Recently the December 31, 1953 inventory of the Elcc was estimated to have been 5.9 million tons. This figure was arrived at through a year by year analysis of production, consumption, and distribution 1941-1953. To that figure the following production is added for the period 1 January 1954 - 30 June 1955:

	<u>Short Tons</u>
USSR	<u>950,000</u>
European Satellites	30,000
China	<u>20,000</u>
	1,000,000

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From this production are deducted the following training consumption figures:

	<u>Short Tons</u>
Soviet Forces	75,000
Satellite Forces	20,000
Far East Forces	5,000
	<u>100,000</u>

There is therefore a net addition to the Bloc inventory of 900,000 tons in the period 1 June 1954 - 30 June 1955

Our rough estimate of the breakdown of the inventory by type of ammunition is as follows:

	<u>Short Tons</u>
Ground Forces	5,800,000
Aerial Bombs	600,000
Naval (20% torpedoes 80% mines)	<u>400,000</u>
	6,800,000

2. Sources for the above data are as follows:

- 30.104 Ammunition Stockpile of the Communist Bloc
- 31.208 Inputs for the Production of Ammunition in the European Satellites.
- 31.209 Inputs for the Production of Ammunition in Communist China
- 10.406 Soviet Long Term Growth

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